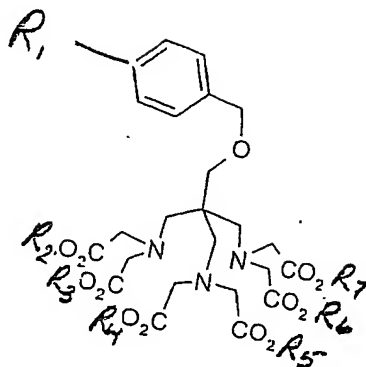


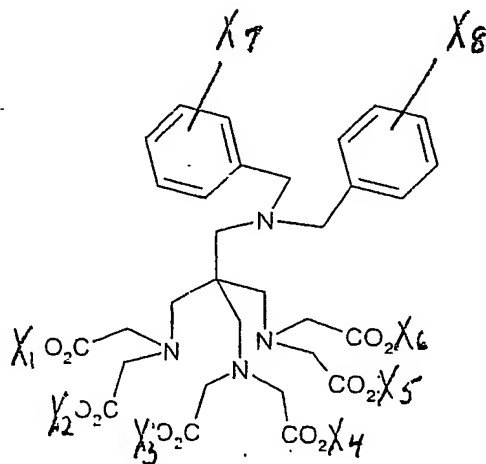
WE CLAIM:

1. A compound of formula



- wherein R_1 is a functional group, and R_2 - R_7 , which may be the same or different, are H, C_1 - C_{10} branched or straight chained, substituted or unsubstituted alkyl.
2. The compound of claim 1, wherein R_1 is CN, SCN, O_2N , COOH, SH, or a bromoacetamido group.
 3. The compound of claim 1, wherein R_2 - R_7 are the same.
 4. The compound of claim 3, wherein R_2 - R_7 are H.
 5. The compound of claim 4, wherein R_1 is O_2N or SCN.
 6. The compound of claim 4, wherein R_1 is SCN.
 7. The compound of claim 3, wherein R_2 - R_7 are methyl.
 8. The compound of claim 7, wherein R_1 is O_2N .
 9. A chelation complex of a metal ion and the compound of claim 1.
 10. A chelation complex of a metal ion and the compound of claim 6.
 11. A chelation complex of a metal ion and the compound of claim 8.

12. The chelation complex of claim 9, 10, or 11, wherein said metal ion is a radioisotope.
13. The chelation complex of claim 12, wherein said radioisotope is $^{67}\text{Ga}^{3+}$.
14. A compound of formula:



Wherein X_1 - X_6 may be the same or different and are H, C_1 - C_{10} , branched or straight chained, substituted or unsubstituted alkyl, X_7 and X_8 may be the same or different and are H, or a functional group, and Y is either H or forms a C=O bond with the carbon to which it is bound.

15. The compound of claim 14, wherein all of X_1 - X_8 and Y are hydrogen.
16. The compound of claim 14, wherein one of X_7 and X_8 is H and the other is CN, SCN, O_2N , COOH, SH or a bromacetamido group.
17. The compound of claim 14, wherein X_7 , X_8 and Y are hydrogen, and X_1 - X_6 are methyl.
18. A chelation complex of the compound of claim 14, 15, 16, or 17, and a metal ion.
19. The chelation complex of claim 18, wherein said metal ion is a radioisotope.
20. The chelation complex of claim 18, wherein said radioisotope is $^{67}\text{Ga}^{3+}$.